

$L_2(17).2 \pmod{17}$

| | blocks | defect | matrix |
|---------|--------|--------|------------------------------------|
| $G :$ | 1 | 1 | 17×16 |
| | 2 | 0 | $17_1 = \chi_{8,0}, \varphi_{9,0}$ |
| | 3 | 0 | $17_2 = \chi_{8,1}, \varphi_{9,1}$ |
| $2.G :$ | 4 | 1 | 17×16 |

| Block 1: | $\varphi_{1,0}$ | $\varphi_{1,1}$ | $\varphi_{2,0}$ | $\varphi_{2,1}$ | $\varphi_{3,0}$ | $\varphi_{3,1}$ | $\varphi_{4,0}$ | $\varphi_{4,1}$ | $\varphi_{5,0}$ | $\varphi_{5,1}$ | $\varphi_{6,0}$ | $\varphi_{6,1}$ | $\varphi_{7,0}$ |
|----------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| $1_1 = \chi_{1,0}$ | 1 | . | . | . | . | . | . | . | . | . | . | . | . |
| $1_2 = \chi_{1,1}$ | . | 1 | . | . | . | . | . | . | . | . | . | . | . |
| $18_1 = \chi_{2,+}$ | . | . | . | . | . | . | . | . | 1 | 1 | . | . | . |
| $16_1 = \chi_{4,0}$ | . | . | . | . | 1 | . | . | . | . | . | . | 1 | . |
| $16_2 = \chi_{4,1}$ | . | . | . | . | . | 1 | . | . | . | . | 1 | . | . |
| $16_3 = \chi_{5,0}$ | . | . | . | . | . | . | . | 1 | 1 | . | . | . | . |
| $16_4 = \chi_{5,1}$ | . | . | . | . | . | . | 1 | . | . | 1 | . | . | . |
| $16_5 = \chi_{6,0}$ | . | . | . | 1 | . | . | . | . | . | . | . | . | 1 |
| $16_6 = \chi_{6,1}$ | . | . | 1 | . | . | . | . | . | . | . | . | . | . |
| $16_7 = \chi_{7,0}$ | 1 | . | . | . | . | . | . | . | . | . | . | . | . |
| $16_8 = \chi_{7,1}$ | . | 1 | . | . | . | . | . | . | . | . | . | . | . |
| $18_2 = \chi_{9,0}$ | . | . | . | . | 1 | . | . | . | . | . | . | . | . |
| $18_3 = \chi_{9,1}$ | . | . | . | . | . | 1 | . | . | . | . | . | . | 1 |
| $18_4 = \chi_{10,0}$ | . | . | 1 | . | . | . | . | . | . | . | . | . | . |
| $18_5 = \chi_{10,1}$ | . | . | . | 1 | . | . | . | . | . | . | . | . | . |
| $18_6 = \chi_{11,0}$ | . | . | . | . | . | . | . | 1 | . | . | 1 | . | . |
| $18_7 = \chi_{11,1}$ | . | . | . | . | . | . | 1 | . | . | . | . | 1 | . |

| (Block 4:) | $\varphi_{15,1}$ | $\varphi_{16,0}$ | $\varphi_{16,1}$ | $\varphi_{17,0}$ | $\varphi_{17,1}$ | |
|-------------------------|------------------|------------------|------------------|------------------|------------------|-------------------------|
| $16_9 = \chi_{12,+}$ | . | . | . | . | . | $\varphi_{10,0} = 2_1$ |
| $16_{10} = \chi_{14,0}$ | . | . | 1 | . | . | $\varphi_{10,1} = 2_2$ |
| $16_{11} = \chi_{14,1}$ | . | 1 | . | . | . | $\varphi_{11,0} = 4_1$ |
| $16_{12} = \chi_{15,0}$ | . | . | . | . | 1 | $\varphi_{11,1} = 4_2$ |
| $16_{13} = \chi_{15,1}$ | . | . | . | 1 | . | $\varphi_{12,0} = 6_1$ |
| $16_{14} = \chi_{16,0}$ | . | . | . | . | . | $\varphi_{12,1} = 6_2$ |
| $16_{15} = \chi_{16,1}$ | 1 | . | . | . | . | $\varphi_{13,0} = 8_1$ |
| $16_{16} = \chi_{17,0}$ | . | . | . | . | . | $\varphi_{13,1} = 8_2$ |
| $16_{17} = \chi_{17,1}$ | . | . | . | . | . | $\varphi_{14,0} = 10_1$ |
| $18_8 = \chi_{18,0}$ | . | . | . | . | 1 | $\varphi_{14,1} = 10_2$ |
| $18_9 = \chi_{18,1}$ | . | . | . | 1 | . | $\varphi_{15,0} = 12_1$ |
| $18_{10} = \chi_{19,0}$ | 1 | . | . | . | . | $\varphi_{15,1} = 12_2$ |
| $18_{11} = \chi_{19,1}$ | . | . | . | . | . | $\varphi_{16,0} = 14_1$ |
| $18_{12} = \chi_{20,0}$ | . | . | . | . | . | $\varphi_{16,1} = 14_2$ |
| $18_{13} = \chi_{20,1}$ | . | . | . | . | . | $\varphi_{17,0} = 16_1$ |
| $18_{14} = \chi_{21,0}$ | . | 1 | . | . | . | $\varphi_{17,1} = 16_2$ |
| $18_{15} = \chi_{21,1}$ | . | . | 1 | . | . | |